Ohio | Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Re: Ottawa County
Wildflower Place Subdivision
NPDES Permit Notice of Violation

January 5, 2012

Mr. Mike Szymanski, Trustee
Wildflower Place Homeowners Assn.
22251 West Honeysuckle Lane
Curtice, Ohio 43412

Dear Mr. Szymanski:

On November 16, 2011, an inspection was made of the wastewater treatment facilities serving Wildflower Place Subdivision. I was disappointed to find a bypass line installed ahead of the sand filters directly to the chlorine contact tank. There was a noticeable odor emanating from the tank due to solids accumulation. I am aware this was being done to prevent solids deposition in the sand filters and subsequent ponding; however, bypassing of the sand filters is not authorized.

Chronic NPDES permit violations continue to be reported since my last inspection. A list of violations reported for 2011 is enclosed for your review, and this facility is considered to be in significant noncompliance by the Agency. Please be aware that continued noncompliance will subject you to additional enforcement action from this Agency.

Your NPDES permit was renewed, effective February 1, 2011, and contained a Schedule of Compliance to implement collection system and wastewater treatment plant improvements. Written status reports are required to be submitted on an annual basis beginning February 2012. I was informally notified that initial manhole rehabilitation work was conducted and replacement of the oversized influent pumps was authorized. Please submit the 2011 annual status report by February 1st as required.

Enclosed is my completed inspection report, and list of violations. If you have any questions, please call me at (419) 373-3020, or email at rick.zuzik@epa.state.oh.us

Sincerely,

Richard A. Zuzik, MSE
Division of Surface Water

/lir

pc: Ottawa County Health Department
Eastwood Environmental
Mark Mercer, Attorney
Robert Hammersmith
DSW-NWDO File

Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402-9398

419 | 352 8461
419 | 352 8468 (fax)
www.epa.ohio.gov

OHIO ENVIRONMENTAL PROTECTION AGENCY

OPERATION AND MAINTENANCE INSPECTION
WWTP'S LESS THAN 25,000 GPD

NPDES Permit No. 2PW00010 * CD

Facility Name Wildflower Place Subd. Expiration Date 1-31-16

Facility Address Genoa - Clay Center Rd Date 11-16-11 Time 200 am (pm)

City — County Ottawa Township Allen

Name and Address of Owner Mike Szymanski, Trustee, Robert Hammersmith, Treasurer

Person Contacted none Owner Phone (419) 836-9114 (Mike)

Flow: Design 57,000 GPD Present _____ GPD (metered - estimated)

Trib. Pop. 156 lots (actual - estimated) Weather at time of inspection: Temp 50° Cloudy

OEPA Personnel Rick Zuzik District NWDO

1. Plant Effluent - Mark Severity No.

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild	✓				✓	
2	Moderate		Light Solids		Musty		Grey
3	Serious			✓	Raw Odor		
4	Extreme		Heavy Solids		Septic		Black

2. Effect of effluent on Receiving Stream Name: Crane Creek - Not Observed

No.	Severity Description	No.	Turbidity	No.	Odor	No.	Color
0	None		Clear		None		Colorless
1	Mild						
2	Moderate		Light Solids		Musty		Grey
3	Serious						
4	Extreme		Heavy Solids		Septic		Black

3. a. Plant has _____ excellent _____ good ✓ fair _____ poor operation
b. Plant has _____ excellent _____ good ✓ fair _____ poor maintenance
c. Sand filters have _____ excellent _____ good _____ fair _____ poor maintenance Bypassed to Cl² tank

d. Not operating at expected efficiency due to:

(1) ✓ hydraulic overload
(2) _____ organic/solids overload
(3) _____ personnel inefficiency
(4) _____ equipment failure
(5) _____ wastes
(6) Sand filters bypassed to Cl² tank

Disinfection: (Required May 1 thru Oct. 31)

IN	OUT	
N/A		Chlorination Tablets
		Dechlorination Tablets
		Ultraviolet (U.V.)

	Yes	No	
4.		✓	Compliance with NPDES Permit

	Y	N	Parameters:
Periodic Violations		✓	
Chronic Violations	✓		NH_3, TSS, CBOD

5. ✓ Adequate plant safety

6. ✓ Operation and Maintenance Service Name Eastwood Env.

Frequency of Visits _____

Facility Name: Wild flower Place

Process	# Units	Unit	If Needed – Description and Comments
Preliminary		Trash Trap	Pumping Frequency
		Grease Trap	Pumping Frequency
		Bar Screen	
		Comminutor	
	1	Flow Equalization w/ Diversion Box	
Aeration Equipment	3	Plant Timer ____Y ____N Motor / Blower Unit	Cycle Time:
Secondary Treatment	8	Aeration Tank	Color: Brown Adequate Aeration Y ✓ N
Final Settling	2	Clarifier	Heavy Scum
		Sludge Return	In ____ Out ____
		Surface Skimmer	In ____ Out ____
		Fixed Media Clarifier	
Tertiary Treatment	4	Surface Sand Filter	Bypassed to Cl Tank
		Polishing Pond	
		Other	
Disinfection	1	Contact Tank	Odorous
	1	Chlorine Tube Feeder	
	1	Dechlorination Tube Feeder	
		Ultraviolet (UV)	
low Metering		Elapsed Pump Time	
		Recorder (continuous total)	
umps	2	Raw Wastewater (type)	
	2	Sand Filter Effluent Dosing	
ludge Handling	1	Aerated Storage Tank	
		Sludge Drying Bed	
udge Disposal	✓	Municipal POTW	
		Landfill	
		Land Application	
dvanced Treatment	✓	Post Aeration	IN
		Spray Irrigation	
		Other	

2011

Permit No	Reporting Period	Station	Reporting Code	Parameter	Limit Type	Limit	Reported Value	Violation Date
2PW00010*BD	January 2011	001	00530	Total Suspended Solids	30D Conc	12	14.25	1/1/2011
2PW00010*BD	January 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	10.14	1/1/2011
2PW00010*BD	January 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.65	1.84224	1/1/2011
2PW00010*BD	January 2011	001	00530	Total Suspended Solids	1D Conc	18	24.	1/6/2011
2PW00010*BD	January 2011	001	00530	Total Suspended Solids	1D Qty	3.9	4.36032	1/6/2011
2PW00010*BD	January 2011	001	00610	Nitrogen, Ammonia (NH3	1D Conc	4.5	16.37	1/20/2011
2PW00010*BD	January 2011	001	00610	Nitrogen, Ammonia (NH3	1D Qty	0.97	2.9741	1/20/2011
2PW00010*BD	January 2011	001	00400	pH	1D Conc	6.5	6.46	1/25/2011
2PW00010*CD	February 2011	001	00530	Total Suspended Solids	30D Conc	12.0	25.	2/1/2011
2PW00010*CD	February 2011	001	00530	Total Suspended Solids	30D Qty	2.6	4.542	2/1/2011
2PW00010*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	3.0	6.57	2/1/2011
2PW00010*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	8.07	2/1/2011
2PW00010*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.65	1.19364	2/1/2011
2PW00010*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.97	1.46616	2/1/2011
2PW00010*CD	February 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	4.5	5.07	2/15/2011
2PW00010*CD	February 2011	001	00530	Total Suspended Solids	7D Conc	18.0	64.	2/22/2011
2PW00010*CD	February 2011	001	00530	Total Suspended Solids	7D Qty	3.9	11.6275	2/22/2011
2PW00010*CD	February 2011	001	80082	CBOD 5 day	7D Conc	15.0	19.	2/22/2011
2PW00010*CD	February 2011	001	80082	CBOD 5 day	7D Qty	3.2	3.45192	2/22/2011
2PW00010*CD	March 2011	001	00530	Total Suspended Solids	30D Conc	12.0	12.5	3/1/2011
2PW00010*CD	March 2011	001	00530	Total Suspended Solids	7D Conc	18.0	28.	3/8/2011
2PW00010*CD	March 2011	001	00530	Total Suspended Solids	7D Qty	3.9	5.08704	3/8/2011
2PW00010*CD	April 2011	001	00530	Total Suspended Solids	30D Conc	12.0	23.5	4/1/2011
2PW00010*CD	April 2011	001	00530	Total Suspended Solids	30D Qty	2.6	4.26948	4/1/2011
2PW00010*CD	April 2011	001	80082	CBOD 5 day	30D Conc	10.0	17.75	4/1/2011
2PW00010*CD	April 2011	001	80082	CBOD 5 day	30D Qty	2.2	3.22482	4/1/2011
2PW00010*CD	April 2011	001	80082	CBOD 5 day	7D Conc	15.0	23.	4/15/2011
2PW00010*CD	April 2011	001	80082	CBOD 5 day	7D Qty	3.2	4.17864	4/15/2011
2PW00010*CD	April 2011	001	00530	Total Suspended Solids	7D Conc	18.0	78.	4/22/2011
2PW00010*CD	April 2011	001	00530	Total Suspended Solids	7D Qty	3.9	14.1710	4/22/2011
2PW00010*CD	April 2011	001	80082	CBOD 5 day	7D Conc	15.0	44.	4/22/2011
2PW00010*CD	April 2011	001	80082	CBOD 5 day	7D Qty	3.2	7.99392	4/22/2011
2PW00010*CD	May 2011	001	00530	Total Suspended Solids	30D Conc	12.0	16.75	5/1/2011
2PW00010*CD	May 2011	001	00530	Total Suspended Solids	30D Qty	2.6	3.04314	5/1/2011
2PW00010*CD	May 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	8.085	5/1/2011
2PW00010*CD	May 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.22	1.46888	5/1/2011
2PW00010*CD	May 2011	001	80082	CBOD 5 day	30D Conc	10.0	12.75	5/1/2011
2PW00010*CD	May 2011	001	80082	CBOD 5 day	30D Qty	2.2	2.31642	5/1/2011
2PW00010*CD	May 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	8.41	5/8/2011
2PW00010*CD	May 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.32	1.52793	5/8/2011
2PW00010*CD	May 2011	001	00530	Total Suspended Solids	7D Conc	18.0	29.	5/15/2011
2PW00010*CD	May 2011	001	00530	Total Suspended Solids	7D Qty	3.9	5.26872	5/15/2011
2PW00010*CD	May 2011	001	80082	CBOD 5 day	7D Conc	15.0	20.	5/15/2011
2PW00010*CD	May 2011	001	80082	CBOD 5 day	7D Qty	3.2	3.6336	5/15/2011
2PW00010*CD	May 2011	001	00400	pH	1D Conc	6.5	6.37	5/19/2011
2PW00010*CD	May 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	7.76	5/22/2011
2PW00010*CD	May 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.32	1.40984	5/22/2011
2PW00010*CD	May 2011	001	80082	CBOD 5 day	7D Conc	15.0	16.	5/22/2011
2PW00010*CD	June 2011	001	00530	Total Suspended Solids	30D Conc	12.0	25.	6/1/2011
2PW00010*CD	June 2011	001	00530	Total Suspended Solids	30D Qty	2.6	4.542	6/1/2011
2PW00010*CD	June 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	1.6	6/1/2011
2PW00010*CD	June 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	2.6	6/1/2011
2PW00010*CD	June 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.22	.29069	6/1/2011
2PW00010*CD	June 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.32	.47237	6/1/2011
2PW00010*CD	June 2011	001	00530	Total Suspended Solids	7D Conc	18.0	54.	6/8/2011
2PW00010*CD	June 2011	001	00530	Total Suspended Solids	7D Qty	3.9	9.81072	6/8/2011
2PW00010*CD	June 2011	001	00530	Total Suspended Solids	7D Conc	18.0	19.	6/15/2011
2PW00010*CD	June 2011	001	00400	pH	1D Conc	6.5	6.1	6/23/2011
2PW00010*CD	July 2011	001	00530	Total Suspended Solids	30D Conc	12.0	149.25	7/1/2011

2PW00010*CD	July 2011	001	00530	Total Suspended Solids	7D Conc	18.0	20.	7/1/2011
2PW00010*CD	July 2011	001	00530	Total Suspended Solids	30D Qty	2.6	27.1157	7/1/2011
2PW00010*CD	July 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	17.375	7/1/2011
2PW00010*CD	July 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	17.95	7/1/2011
2PW00010*CD	July 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.22	3.15669	7/1/2011
2PW00010*CD	July 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.32	3.26116	7/1/2011
2PW00010*CD	July 2011	001	80082	CBOD 5 day	30D Conc	10.0	50.25	7/1/2011
2PW00010*CD	July 2011	001	80082	CBOD 5 day	30D Qty	2.2	9.12942	7/1/2011
2PW00010*CD	July 2011	001	00530	Total Suspended Solids	7D Conc	18.0	556.	7/15/2011
2PW00010*CD	July 2011	001	00530	Total Suspended Solids	7D Qty	3.9	101.014	7/15/2011
2PW00010*CD	July 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	16.8	7/15/2011
2PW00010*CD	July 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.32	3.05222	7/15/2011
2PW00010*CD	July 2011	001	80082	CBOD 5 day	7D Conc	15.0	180.	7/15/2011
2PW00010*CD	July 2011	001	80082	CBOD 5 day	7D Qty	3.2	32.7024	7/15/2011
2PW00010*CD	August 2011	001	00530	Total Suspended Solids	30D Conc	12.0	60.	8/1/2011
2PW00010*CD	August 2011	001	00530	Total Suspended Solids	7D Conc	18.0	26.	8/1/2011
2PW00010*CD	August 2011	001	00530	Total Suspended Solids	30D Qty	2.6	10.9008	8/1/2011
2PW00010*CD	August 2011	001	00530	Total Suspended Solids	7D Qty	3.9	4.72368	8/1/2011
2PW00010*CD	August 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	6.	8/1/2011
2PW00010*CD	August 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	5.	8/1/2011
2PW00010*CD	August 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.22	1.09008	8/1/2011
2PW00010*CD	August 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.32	.9084	8/1/2011
2PW00010*CD	August 2011	001	31648	E. coli	30D Conc	161	1400.	8/1/2011
2PW00010*CD	August 2011	001	31648	E. coli	7D Conc	362	1400.	8/1/2011
2PW00010*CD	August 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	7.	8/15/2011
2PW00010*CD	August 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.32	1.27176	8/15/2011
2PW00010*CD	August 2011	001	00530	Total Suspended Solids	7D Conc	18.0	194.	8/22/2011
2PW00010*CD	August 2011	001	00530	Total Suspended Solids	7D Qty	3.9	35.2459	8/22/2011
2PW00010*CD	September 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	3.8	9/1/2011
2PW00010*CD	September 2011	001	00610	Nitrogen, Ammonia (NH3	30D Qty	0.22	.49962	9/1/2011
2PW00010*CD	September 2011	001	00610	Nitrogen, Ammonia (NH3	7D Qty	0.32	.69038	9/1/2011
2PW00010*CD	September 2011	001	80082	CBOD 5 day	30D Conc	10.0	51.75	9/1/2011
2PW00010*CD	September 2011	001	80082	CBOD 5 day	7D Conc	15.0	180.	9/1/2011
2PW00010*CD	September 2011	001	80082	CBOD 5 day	30D Qty	2.2	9.40194	9/1/2011
2PW00010*CD	September 2011	001	80082	CBOD 5 day	7D Qty	3.2	32.7024	9/1/2011
2PW00010*CD	September 2011	001	00530	Total Suspended Solids	30D Conc	12.0	636.25	9/1/2011
2PW00010*CD	September 2011	001	00530	Total Suspended Solids	7D Conc	18.0	2400.	9/1/2011
2PW00010*CD	September 2011	001	00530	Total Suspended Solids	30D Qty	2.6	115.593	9/1/2011
2PW00010*CD	September 2011	001	00530	Total Suspended Solids	7D Qty	3.9	436.032	9/1/2011
2PW00010*CD	September 2011	001	00610	Nitrogen, Ammonia (NH3	30D Conc	1.0	2.75	9/1/2011
2PW00010*CD	September 2011	001	00530	Total Suspended Solids	7D Conc	18.0	50.	9/8/2011
2PW00010*CD	September 2011	001	00530	Total Suspended Solids	7D Qty	3.9	9.084	9/8/2011
2PW00010*CD	September 2011	001	00610	Nitrogen, Ammonia (NH3	7D Conc	1.5	1.7	9/15/2011
2PW00010*CD	September 2011	001	00530	Total Suspended Solids	7D Conc	18.0	82.	9/15/2011
2PW00010*CD	September 2011	001	00530	Total Suspended Solids	7D Qty	3.9	14.8977	9/15/2011
2PW00010*CD	October 2011	001	00530	Total Suspended Solids	30D Conc	12.0	39.	10/1/2011
2PW00010*CD	October 2011	001	00530	Total Suspended Solids	7D Conc	18.0	92.	10/1/2011
2PW00010*CD	October 2011	001	00530	Total Suspended Solids	30D Qty	2.6	7.08552	10/1/2011
2PW00010*CD	October 2011	001	00530	Total Suspended Solids	7D Qty	3.9	16.7145	10/1/2011
2PW00010*CD	October 2011	001	31648	E. coli	30D Conc	161	4100.	10/1/2011
2PW00010*CD	October 2011	001	31648	E. coli	7D Conc	362	4100.	10/1/2011
2PW00010*CD	October 2011	001	00530	Total Suspended Solids	7D Conc	18.0	31.	10/8/2011
2PW00010*CD	October 2011	001	00530	Total Suspended Solids	7D Qty	3.9	5.63208	10/8/2011
2PW00010*CD	October 2011	001	00530	Total Suspended Solids	7D Conc	18.0	26.	10/15/2011
2PW00010*CD	October 2011	001	00530	Total Suspended Solids	7D Qty	3.9	4.72368	10/15/2011
2PW00010*CD	November 2011	001	00530	Total Suspended Solids	7D Conc	18.0	28.	11/15/2011
2PW00010*CD	November 2011	001	00530	Total Suspended Solids	7D Qty	3.9	5.08704	11/15/2011